

REMARKS

Applicant submits that the present amendment is fully responsive to the Office Action dated October 18, 2005 and, thus, the application is in condition for allowance.

By this reply, claims 37-40 are amended, and claims 41 and 42 are canceled. Claims 37-40 remain pending. Of these, claim 37 is independent. An expedited review and allowance of the application is respectfully requested.

In the outstanding Office Action, claims 37-41 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement and failing to comply with the enablement requirement of this section of the statute. Although not necessarily agreeing with the Office Action, for sake of expediting the prosecution of this application, the language specifically recited in the Office Action as raising such rejection has been deleted. Thus, the rejection is now moot.

In the outstanding Office Action, claims 41-42 were rejected under 35 U.S.C. § 102(e) as being anticipated by Ahmed (USPN 6,747,961). It is asserted that Ahmed discloses a method with all of the limitations of the present invention as recited in the claims. Although not necessarily agreeing with the assertion in the Office Action, for sake of expediting the prosecution of this application, the claims have been canceled. Thus, the rejection is now moot.

In the outstanding Office Action, claims 37-40 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Ahmed in view of Davis (USPN 6,643,815) and Menezes ("Handbook of Applied Cryptography"). It is asserted that Ahmed discloses a method and system with all of the limitations of the present invention as recited in the claims, but for a checksum being generated in the network layer and such checksum being verified at the receiver end. Further, it is admitted that Ahmed does not disclose detecting a loss of cipher synchronization or that the

encryption algorithm is a stream cipher. It is further alleged that Davis and Menezes do disclose these deficiencies and the combination of these cited references would have therefore been obvious to one having ordinary skill in the art. Applicant respectfully traverses.

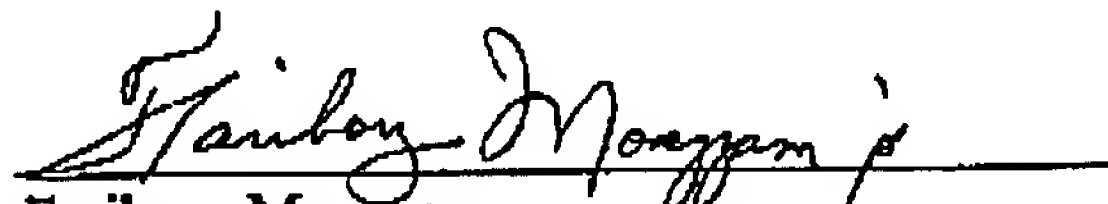
Neither Ahmed, Davis, nor Menezes, nor any other related art of record, alone or in combination, disclose or fairly suggest the present invention as recited in the pending claims. For example, none of the related art recites a method of validating the integrity of a data packet by comparing a network checksum with a calculated checksum to thereby detect the loss of stream cipher synchronization. Furthermore, there is no specific motivation disclosed or suggested in the cited art, other than Applicant's own disclosure, that would motivate one having ordinary skill in the art to create the invention as recited in the pending claims. The Office Action has used improper hindsight reconstruction to attempt to re-create Applicant's own invention using selected parts of various references. When taken as a whole, however, the references could not be fairly combined to create the invention as recited in the pending claims.

A THREE (3) month extension of time is hereby requested to enter this amendment. PTO- 2038 form is included with an authorization to charge the three month extension fee to a credit card. If any other fees are associated with the entering and consideration of this amendment, please charge such fees to our Deposit Account 50-2882.

Applicant respectfully requests an interview with the Examiner to present more evidence of the unique attributes of the present invention in person. As all of the outstanding rejections have been traversed and all of the claims are believed to be in condition for allowance, Applicant respectfully requests issuance of a Notice of Allowance. If the undersigned attorney can assist in any matters regarding examination of this application, Examiner is encouraged to call at the number listed below.

Respectfully submitted,

Date: 18 April 2006


Fariborz Moazzam
Reg. No. 53,339

MOAZZAM & ASSOCIATES, LLC
7787 Leesburg Pike, Suite 200
Falls Church, VA 22043
(703) 542-7813 (direct)
(703) 991-5978 (fax)